

**REMARKS**

**Status of Claims:**

Claims 1-13 are cancelled. New claims 14-27 are added. Thus, claims 14-27 are present for examination.

**Requested Acknowledgement of IDS:**

Applicant requests that the Examiner acknowledge the Information Disclosure Statement filed on July 7, 2003.

**References Made of Record Not Listed on PTO-892 Form:**

On page 11 of the Office Action, the Examiner made the following references of record: (i) Jiang et al. (U.S. Patent Application Pub. No. 20040114553); and (ii) Lager et al. (U.S. Patent No. 6,636,502). However, the references were not included on the PTO-892 form accompanying the Office Action.

**Claim Rejection:**

Claims 1-13 are rejected under 35 U.S.C. 102(b) as being anticipated by Crosbie (U.S. Patent Application Pub. No. 2002/0035699).

Claims 1-13 have been cancelled and, thus, the rejection is moot.

New claims 14-27 recite features similar to various features of cancelled claims 1-13 and, thus, patentable differences of claims 14-27 with respect to the Crosbie reference will now be discussed.

Independent claim 14 recites a wireless access system, comprising:

“a gateway for receiving a wireless control signal to be transmitted to external equipment located beyond the gateway;

a wireless base station for transferring the wireless control signal to the gateway;

a mobile terminal for transmitting the wireless control signal to the wireless base station; and

an access network control station for determining whether or not the mobile terminal is allowed to communicate with the external equipment;

wherein the gateway is configured to transfer the wireless control signal to the access network control station in a case where the gateway has determined that the mobile terminal has not been allowed to communicate with the external equipment by the access network control station;

wherein the access network control station is configured to **instruct** the gateway to allow the mobile terminal to communicate with the external equipment in a case where the access network control station has determined that the mobile terminal is allowed to communicate with the external equipment; and

wherein the gateway is configured to transfer the wireless control signal to the external equipment in a case where the gateway has determined that the mobile terminal has been allowed to communicate with the external equipment by the access network control station." (Emphasis Added).

A wireless access system including the above-quoted features has at least the advantages that: (i) a gateway allows for receiving a wireless control signal to be transmitted to external equipment located beyond the gateway; (ii) a wireless base station allows for transferring the wireless control signal to the gateway; (iii) a mobile terminal allows for transmitting the wireless control signal to the wireless base station; (iv) an access network control station allows for determining whether or not the mobile terminal is allowed to communicate with the external equipment; (v) the gateway is configured to transfer the wireless control signal to the access network control station in a case where the gateway has determined that the mobile terminal has not been allowed to communicate with the external equipment by the access network control station; (vi) the access network control station is configured to **instruct** the gateway to allow the mobile terminal to communicate with the external equipment in a case where the access network control station has determined that the mobile terminal is allowed to communicate with the external equipment; and (vii) the gateway is configured to transfer the wireless control signal to the external equipment in a case where the gateway has determined that the mobile terminal has been allowed to communicate with the external equipment by the access network control station.

Crosbie neither discloses nor suggests a wireless access system including the above-quoted features.

The Examiner points to: (a) the mobile device 28-3 of the system of Crosbie as being a mobile terminal; (b) the LAN access point (LAP) 24 of the system of Crosbie as being a wireless base station; (c) the firewall 34 of the system of Crosbie as being an access network control station; (d) the gateway server 22 of the system of Crosbie as being a gateway; and (e) the corporate network 36 and the Internet 38 of the system of Crosbie as being external equipment. (Office Action; page 2).

However, the firewall 34 in the system of Crosbie is not configured to instruct the gateway server 22 to allow the mobile device 28-3 to communicate with the corporate network 36 or the Internet 38 in a case where the firewall 34 has determined that the mobile device 28-3 is allowed to communicate with the corporate network 36 or the Internet 38. (Crosbie; FIG. 1; paragraphs 0028, 0029, and 0030). Instead, the firewall 34 in the system of Crosbie merely controls access to the corporate network 36 by blocking certain IP addresses. (Crosbie; paragraphs 0028 and 0030). In the system of Crosbie, the mobile device 28-3 performs authentication with the gateway server 22 in order to be allocated an IP address. (Crosbie; paragraphs 0030 and 0031). In contrast, a wireless access system of the present claim 14 includes an access network control station that is configured to instruct a gateway to allow a mobile terminal to communicate with external equipment in a case where the access network control station has determined that the mobile terminal is allowed to communicate with the external equipment.

Therefore, independent claim 14, as amended, is neither disclosed nor suggested by the Crosbie reference and, hence, is believed to be allowable.

New claims 15-27 also recite features not found in the Crosbie reference and, thus, are believed to be allowable.

**Conclusion:**

Applicant believes that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

Date April 28, 2006

By Justin M. Sobaje

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (310) 975-7965  
Facsimile: (310) 557-8475

Justin M. Sobaje  
Attorney for Applicant  
Registration No. 56,252